

REMARKS

Examiner rejected Claims 1-8 under 35 U.S.C. §102 as being anticipated by Charles (6,289,030 B1). Applicants hereby amend Claims 1 and 8 and add Claim 21 to distinguish Applicants' invention from Charles. Charles discloses conformally coating a dielectric layer at different orientations to reduce reflectivity (Col. 6, lines 27-56). However, Charles requires both a dielectric layer and a metal layer to achieve high reflectivity (Col. 8, lines 41-46). Applicants increase facet reflectance by depositing a plurality of dielectric layers, the index of refractance of each successive dielectric layer has either a higher or lower index of refractance than the previous dielectric layer. Applicants hereby amend Claim 1 to limit the invention to increasing facet reflectance using a plurality of dielectric layers with the above identified limits. Claim 8 was amended to add a space between the word "Claim" and the number "1." Claims 2-8 depend on amended Claim 1, and require no amending if Examiner deems amended Claim 1 allowable. Claim 21 was added as a dependent claim to further limit the coating step of Claim 1 to coating a user-definable number of pairs of dielectric layers, where the first dielectric layer in each pair has a lower index of refractance than does the second dielectric layer in each pair, and where the optical thickness of each dielectric layer in a pair is an odd integer multiple of quarter wavelengths.

Applicants submit that the application is now in condition for allowance and request reconsideration of the application in light of the amendment and allowance of Claims 1-8, and 21.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Robert D. Morelli". The signature is fluid and cursive, with the first name "Robert" and last name "Morelli" clearly distinguishable.

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